

From: [Turner, Philip](#)
To: [Adams, Adam](#); [Rauscher, Jon](#); [Smalley, Bryant](#)
Cc: [Spall, Amy](#)
Subject: RE: USACE sediment testing in response to ITC spill
Date: Monday, April 15, 2019 4:08:54 PM

Their usual methods will not see PFAS, so if they're interested, they'll have to add appropriate methods.\

From: Adams, Adam
Sent: Monday, April 15, 2019 1:03 PM
To: Turner, Philip <Turner.Philip@epa.gov>; Rauscher, Jon <Rauscher.Jon@epa.gov>; Smalley, Bryant <smalley.bryant@epa.gov>
Cc: Spall, Amy <amy.spall@westonsolutions.com>
Subject: FW: USACE sediment testing in response to ITC spill
EU, any recommendations on this question from USACE?
Thanks
Adam

From: Paige Doelling - NOAA Federal <paige.doelling@noaa.gov>
Sent: Monday, April 15, 2019 12:57 PM
To: Adams, Adam <Adams.Adam@epa.gov>
Subject: Fwd: USACE sediment testing in response to ITC spill
Forwarding inquiry from USACE,

----- Forwarded message -----

From: **Nerheim, Steven W CIV** <Steven.W.Nerheim@uscg.mil>
Date: Mon, Apr 15, 2019 at 12:03 PM
Subject: USACE sediment testing in response to ITC spill
To: Paige Doelling - NOAA Federal <paige.doelling@noaa.gov>, Rousseau, Sarah K LCDR <Sarah.K.Rousseau@uscg.mil>, James, Jevon L LT <Jevon.L.James2@uscg.mil>, Rodriguez, Nicole D CDR <Nicole.D.Rodriguez@uscg.mil>
Cc: Howes, Richard E CAPT <Richard.E.Howes@uscg.mil>

Who is best placed to respond to Ms. Finn's query below?

SWN

-----Original Message-----

From: Finn, Lisa M CIV USARMY CESWG (US) <Lisa.M.Finn@usace.army.mil>
Sent: Monday, April 15, 2019 11:51 AM
To: Nerheim, Steven W CIV <Steven.W.Nerheim@uscg.mil>
Subject: FW: USACE sediment testing in response to ITC spill

Steve-

I'm now evaluating impacts from the spill for both federal channel and dock dredging as it relates to

appropriate testing and hazardous materials. I had sent the email below. Haven't heard back from anyone.

At this time, we are requiring additional testing from the 3rd party users to clear their areas prior to placement onto federal lands.

Our current protocol was re-sent with the requirement of limited analysis for the constituents of concern. We have traditionally had issues in trying to sample and analyze for VOCs. But, as that is the majority of the concern for the spill, we will go forward with this plan. Using previous sampling regime, they will perform analysis in water, elutriate and sediment for:

Semi-volatiles - Method 8270

Metals - Method 200.8

TPH - separate carbon fractions - Method Texas 1005 VOC s- Method 8260

Field sampling technique for the VOCs in sediment - Terra Core sampler

Water sampling technique - our usual filling of the vials from the larger water collector is also what TCEQ is doing for their sampling

I am mostly trying to make sure the above methods will capture the constituents that would be present. Is there another analysis we should be doing? Is there anything in the foam that wouldn't be seen in the semi-volatiles, VOCs or metals that I'm not thinking of?

Lastly, where is the contaminated material being taken? You mentioned the barges. But if they put foam and debris in trash bags, was that taken to a hazwaste site? Or incinerated?

The samples from these 3 immediate areas will help us determine our suite of sampling for the federal channel and the other regional docks.

Oh, and can you send me the map you had sent Tricia showing the reaches of the affected area.

Thanks-

Lisa Finn

USACE - Operations

P.O. Box 1229, Galveston, TX 77553

Office (409) 766-3949 / BB (409) 974-0362

-----Original Message-----

From: Finn, Lisa M CIV USARMY CESWG (US)

Sent: Thursday, April 11, 2019 9:49 AM

To: 'paige.doelling@noaa.gov' <paige.doelling@noaa.gov>; 'wtaylor@item.com' <wtaylor@item.com>; 'ITCRESPONSE@item.com' <ITCRESPONSE@item.com>

Cc: Drastata, Emily A CIV USARMY CESWG (US) <Emily.A.Drastata@usace.army.mil>

Subject: USACE sediment testing in response to ITC spill

Good morning-

I was given these contacts from LT Davis. In reacting to the potential presence of contaminants now following cleanup efforts, we're revising our sediment testing protocol for dredged material to include analytes that would be present after the spill. We typically test water, elutriate (sediment and water shaken up) and sediment. We regularly test for metals and semivolatiles. We have a VOC parameter in the sediment under method P&T that we rarely include based on the nature of the VOCs and the manner that we usually perform sediment testing which involves homogenizing at the surface. The VOCs are Trichloroethene, Tetrachloroethene, Ethylbenzene and Total xylene. We do not know if this method will capture what was spilled. Also, could you let us know which method for the water. I will call our lab (NWDLS) as well as I believe they are doing a lot of the sampling for others.

Lastly we need a map and summary of the clean up including those analytes what were present.

Call if it's easier-

Thanks-

Lisa Finn
USACE - Operations
P.O. Box 1229, Galveston, TX 77553
Office (409) 766-3949 / BB (409) 974-0362

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Paige Doelling, PhD
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